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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: B. Zikria
Serial No.: 08/837840
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For: Capillary Membrane Sterilization and Reduction ...
Examiner: Gary Kunz
Group: 1023

Assistant Commissioner for Patents
Washington, D.C. 20231


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Change of Address

Please note in your records in the file of this case the undersigned's new address:

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6. (Original) The method of claim 1, wherein said changes to be made to said image are not implemented until initiated by said user.
7. (Original) The method of claim 1, further comprising the step of providing one or more graphical tools that allow said user to modify said image defect matte before said changes are made to said image.
8. (Original) The method of claim 1, wherein said image defect matte indicates portions of an original image that have been repaired in one or more previous iterations.
9. (Previously presented) The method of claim 1, wherein said image defect matte indicates portions of an original image having one or more proposed error corrections for a current iteration.
10. (Original) The method of claim 1, wherein said one or more changes to be made to said image is a further repair of a selected region of said image.
11. (Original) The method of claim 10, further comprising the step of maintaining said selected region of said image for a subsequent or previous frame to repair a steady defect in said image.
12. (Original) The method of claim 1, wherein said one or more changes to be made to said image is a cancellation of a previous repair of a selected region of said image.

13. (Original) The method of claim 1, further comprising the step of prioritizing said image based on a defect metric that quantifies a degree of defects in said image.

14. (Currently amended) A system for repairing an image, comprising:

a memory that stores computer-readable code; and

a processor operatively coupled to said memory, said processor configured to implement said computer-readable code, said computer-readable code configured to:

present a user with said image; and

present said user with an image defect indicating areas of said image that contain image errors, said image defect matte allowing said user to graphically specify one or more changes to be made to said image, wherein said image defect matte is an array of elements, each of said elements assuming one of several possible values representing different degrees of repair between said image and a repaired image.

15. (Cancelled)

16. The system of claim 14, wherein each element of said image defect matte corresponds to one or more pixels in said image.

17. (Original) The system of claim 14, wherein said processor is further configured to provide one or more graphical tools that allow said user to modify said image defect matte before said changes are made to said image.

18. (Original) The system of claim 14, wherein said one or more changes to be made to said image is a further repair of a selected region of said image and wherein said processor is

further configured to maintain said selected region of said image for a subsequent or previous frame to repair a steady defect in said image.

19. (Original) The system of claim 14, wherein said processor is further configured to prioritize said image based on a defect metric that quantifies a degree of defects in said image.

20. (Currently amended) An article of manufacture for repairing an image, comprising:

a computer readable medium having computer readable code means embodied thereon, said computer readable program code means comprising:

a step to present a user with said image; and
a step to present said user with an image defect matte indicating areas of said image that contain image errors, said image defect matte allowing said user to graphically specify one or more changes to be made to said image, wherein said image defect matte is an array of elements, each of said elements assuming one of several possible values representing different degrees of repair between said image and a repaired image.